

Exploring the Extreme			
2010 Science			
Academic Content Standards			
Ohio Science			
Grade 1			
Activity/Lesson	State	Standards	
Finding the Center of Gravity Using Rulers	OH	SCI.1.PS.1.2.a	The position of an object can be described by locating it relative to another object or to the object's surroundings.
Finding the Center of Gravity Using Rulers	OH	SCI.1.PS.1.2.b	An object is in motion when its position is changing.
Finding the Center of Gravity Using Rulers	OH	SCI.1.PS.1.2.c	The motion of an object can be affected by pushing or pulling. A push or pull is a force that can make an object move faster, slower or go in a different direction.
Exploring the Extreme			
2010 Science			
Academic Content Standards			
Ohio Science			
Grade 2			
Activity/Lesson	State	Standards	
Finding the Center of Gravity Using Rulers	OH	SCI.2.PS.1.1.a	Motion can increase, change direction or stop depending on the force applied.
Exploring the Extreme			
2010 Science			
Academic Content Standards			
Ohio Science			
Grades 5-8			
Activity/Lesson	State	Standards	
Jet Propulsion	OH	SCI.5-8.3	Use appropriate mathematics, tools and techniques to gather data and information;
Jet Propulsion	OH	SCI.5-8.5	Develop descriptions, models, explanations and predictions;
Jet Propulsion	OH	SCI.5-8.8	Communicate scientific procedures and explanations.
Vectoring	OH	SCI.5-8.3	Use appropriate mathematics, tools and techniques to gather data and information;
Vectoring	OH	SCI.5-8.5	Develop descriptions, models, explanations and predictions;
Vectoring	OH	SCI.5-8.7	Recognize and analyze alternative explanations and predications; and
Vectoring	OH	SCI.5-8.8	Communicate scientific procedures and explanations.
Center of Gravity, Pitch, Yaw	OH	SCI.5-8.5	Develop descriptions, models, explanations and predictions;

Fuel Efficiency	OH	SCI.5-8.5	Develop descriptions, models, explanations and predictions;
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